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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/724,016	11/28/2000	Heinz Focke	FOCKE11	7235

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EXAMINER

TAWFIK, SAMEH

ART UNIT	PAPER NUMBER
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3721

DATE MAILED: 09/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/724,016

Applicant(s)

FOCKE ET AL.

Examiner

Sameh H. Tawfik

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 April 2004 and 24 May 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 45-54 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 45-54 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 04302004 6) ☐ Other: _____

DETAILED ACTION***Information Disclosure Statement***

The information disclosure statement (IDS) submitted on 04/30/2004 was filed after the mailing date of the office action on 01/21/2004. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 45-52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chinese patent (CN 1146415A) in view of (WO 9856662A).

'415 discloses a process for producing a pack made of thin cardboard comprising the steps of providing a blank (Fig. 1; via 8) for forming the outer wrapper and folding said blank around the pack (3) in a tubular shape (Fig. 1) such that the side tabs of the outer wrapper overlap one another (via 23); then connecting the side tabs to one another in the region of the overlap thereafter folding the transverse and longitudinal folding tabs assigned to the end wall and the base wall such that the transverse folding tabs and the longitudinal folding tabs partially overlap each other (Fig. 1; via by the cross side of the pack); then connecting the transverse and longitudinal folding tabs to one another in the region of their overlap (Figs. 1 and 7); next moving the packs upward into a pack tower, where the side tabs are permanently sealed in the

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region of their overlap by full-surface sealing (Figs. 1 and 3; via 53); thereafter transporting the pack laterally to a sealing path where the transverse and longitudinal folding tabs are surface sealed (Fig. 1; via station 37 and Figs. 5 and 9). '415 does not disclose a shrinking station in the region of which the large-surface front walls and rear walls of said packs are subjected to a shrinking process for the outer wrapper by means of surface heat transfer. However, '662 discloses a similar process comprising a heat shrinkable station, used for the purpose wrapping tobacco.

Therefor, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified "415 process with a heat shrinkable station, as disclosed by "662, in order to assure the complete and strong wrapping to the articles. Alternatively, the examiner takes an official notice that the mentioned shrinkable station on the tobacco package manufacture is old, well known, and available in the art for the purpose of assuring of strong and complete package around the tobacco.

Regarding claim 46 and 47: '415 discloses that the connecting step involves spot seals and does not initiate shrink wrapping (Figs. 1, 5, and 9).

Regarding claim 48: '415 discloses a process for folding and sealing an outer wrapper on a dimensionally stable pack (3) comprising the following steps providing a wrapping film (via 8) for forming the outer wrapper; wrapping the wrapping film around the pack to form side tabs, bottom tabs, and top tabs (Fig. 1); causing the side tabs to overlap one another (Figs. 1, 5, and 9); thermally pre-sealing the side tabs (Figs. 1 and 3; via 49); causing the bottom tabs to overlap one another and the top tabs to overlap one another; thermally pre-sealing the overlapping bottom and side top tabs; permanently sealing the side tabs; and permanently sealing the bottom and top

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tabs (Figs. 2, 5, and 9; via sealing bars 32, 42, and 47). '415 does not disclose that the wrapping film is shrinkable. However, '662 discloses a similar process comprising a shrinkable wrapper used for the purpose wrapping tobacco.

Therefor, it would have been obvious to one having ordinary skill in the art at the time the invention was substituted "415's wrapper by having shrinkable wrapper, as taught by "662, in order to assure the complete and strong wrapping to the articles. Alternatively, the examiner takes an official notice that the mentioned shrinkable wrapper on the tobacco package manufacture is old, well known, and available in the art for the purpose of assuring of strong and complete package around the tobacco.

Regarding claim 49: '415 discloses the pre sealing steps and the permanent sealing steps do not initiate shrink wrapping of the film (Figs. 1-5).

Regarding claim 50: '415 nor 662 disclose that the step of shrinking the film is done after the side tabs and the bottom and top tabs are permanently sealed by heating. However, it would be obvious to one having ordinary skill in the art by substituting '415's wrapping film by shrinkable film, as suggested by '662, the shrinking step will be done after permanently sealing the tabs in order to assure the sealing of the taps and because it will be much easier sealing the taps before the shrinking step.

Regarding claim 51: '415 discloses that the pre sealing of the overlapping tabs covers less than half of the area of overlap of the tabs (Figs. 1-5).

Regarding claim 52: '415 discloses that the connecting step involves tacking (Figs. 1 and 7).

Claims 53 and 54 are rejected under 35 U.S.C. 103(a) as being unpatentable over the prior art as applied to claim 45 above, and further in view of McDaniel (4,256,526).

'415 nor '662 disclose that the connecting step involves a narrow interrupted sealing strip nor continuous sealing strip. However, McDaniel discloses a similar process for producing pack comprising the step of applying a narrow interrupted sealing strip and continuous sealing strip (Figs. 6 and 8; via 56 and 64).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified '415 in view of 662 by applying a narrow interrupted sealing strip and continuous sealing strip to the blank, as taught by McDaniel, in order to comply with "Rule 41" requirements relating to the amount and area of the surface to be coated by adhesive (column 9, lines 48-51).

Conclusion

Applicant's submission of an information disclosure statement under 37 CFR 1.97(c) with the fee set forth in 37 CFR 1.17(p) on 04/30/2004 prompted the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 609(B)(2)(i). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

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CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sameh H. Tawfik whose telephone number is (703) 308-2809. The examiner can normally be reached on Tuesday - Friday from 8:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada can be reached on (703) 308-2187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ST.

A handwritten signature in black ink, appearing to read 'Rinaldi Rada', with a long horizontal line extending to the right.

Rinaldi I. Rada
Supervisory Patent Examiner
Group 3700